



PATENT
TH1961

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/841,296

Filing Date: April 24, 2001

Inventors: Wellington et al.

Title: IN SITU THERMAL
PROCESSING OF A
HYDROCARBON
CONTAINING FORMATION
TO PRODUCE A MIXTURE
CONTAINING OLEFINS,
OXYGENATED
HYDROCARBONS, AND/OR
AROMATIC
HYDROCARBONS

Examiner: unknown
Group/Art Unit: 1764
Atty. Dkt. No: 5659-03600/EBM

CERTIFICATE OF MAILING
UNDER 37 C.F.R. §1.8

DATE OF DEPOSIT: 2-13-02

I hereby certify that this correspondence is being deposited with
the United States Postal Service with sufficient postage as first
class mail on the date indicated above and is addressed to:

Commissioner for Patents
Washington, DC 20231

Jackie L. Pitre
Jackie L. Pitre

SECOND PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Please amend the above-captioned application as follows:

In the Drawings:

Applicant respectfully requests that the changes shown in red on the enclosed
drawings (FIGS. 23a, 23b, 32, 56, 57, 67, 68, 72, 73, 76, 81a, and 97) be approved by the
Examiner in the above-identified application.

In the Specification:

Listed below is a clean copy of amended paragraphs of the Specification. A
marked-up copy indicating the amended paragraphs of the Specification is provided in an
accompanying document.

RECEIVED
MAR 04 2002
TC 1700
COPY OF PAPERS
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MAR 25 2002
GROUP 3600